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|     |       |       |      |   |

Application/Control No.

10/606,810 Examiner

VAN T. PHAM

Date

Applicant(s)/Patent under Reexamination

MORISHIMA, MORITO

Art Unit

2627

√ Rejected
= Allowed

(Through numeral) Cancelled

Claim

Restricted

Non-Elected
I Interference

A Appeal
O Objected

| Cla         | nim  | Date   |  |          |  |          | $\neg$       |          |            |                 |
|-------------|--|--|--|----------|--|----------|--------------|----------|------------|-----------------|
| -           | i  | - Jale   |  |          |  |          |              |          |            |                 |
| Final       | Original                                     | 90/1/9   |  |          |  |          |              |          |            |                 |
|             | 1<br>2<br>3<br>4<br>5                        | ٧  |  |          |  |          |              |          |            |                 |
|             | 2  | v<br>v   |  |          |  |          |              |          |            |                 |
|             | 3  | v<br>v   |  |          |  |          |              |          |            |                 |
|             | 4  |  |  |          |  |          |              |          |            |                 |
|             | 5  | ٧  |  |          |  |          |              |          |            | Ш               |
|             | 6<br>7                                       | ٧  | _  |          |  |          |              |          |            | Ш               |
|             | 7  | v<br>v<br>-                                      | _  |          |  |          |              | _        |            | Ш               |
|             | 8  | -  |  | _        | _  |          |              |          | Ш          | Щ               |
|             | 9  | Ŀ  | $\vdash$   | _        |  | Щ        |              | _        | _          | $\dashv$        |
|             | 10   | -  | -  | $\vdash$ |  |          |              | _        |            | Н               |
|             | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | -<br>V   | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$ | _            |          |            | $\vdash\vdash$  |
|             | 13   | ·  | -  |          | -  | -        | -            | $\vdash$ | $\vdash$   | $\vdash$        |
|             | 14   | _  | $\vdash$   |          |  | $\vdash$ |              | $\vdash$ | $\vdash$   | $\vdash$        |
|             | 15   | <u>۷</u>   |  |          | -  | <u> </u> |              | $\vdash$ | $\vdash$   | $\vdash$        |
|             | 16   | \ \ \  | H  | -        | ┢  | -        |              | Н        | $\vdash$   | $\vdash$        |
|             | 17   | v  |  |          | $\vdash$   | $\vdash$ |              |          | -          | Н               |
|             | 18   | v  | $\vdash$   |          | $\vdash$   |          |              |          |            | $\vdash$        |
|             | 19   | v  | Г  |          | Т  | $\vdash$ |              |          | П          | Н               |
|             | 20   | v  |  |          | <del>                                     </del> | $\vdash$ |              | _        |            | Н               |
|             | 20<br>21<br>22<br>23<br>24<br>25<br>26       | v  |  |          |  |          |              |          | -          | $\Box$          |
|             | 22   | v  |  |          |  |          |              |          |            | П               |
|             | 23   | v  |  |          |  |          |              |          |            |                 |
|             | 24   | v  |  |          |  |          |              |          |            |                 |
|             | 25   | ٧  |  |          |  |          |              |          |            | Ш               |
|             | 26   | v  |  |          | _  |          | _            |          |            |                 |
|             | 27   | ٧  |  |          | _  |          |              |          |            | Ш               |
|             | 28<br>29<br>30                               |  | _  | <u> </u> |  | _        |              | _        |            | Щ               |
|             | 29   |  | _  | <u> </u> |  | _        |              | _        | _          | Ш               |
|             | 30   |  | _  | _        |  | _        | _            | _        | _          | Н               |
|             | 31<br>32                                     | <u> </u>   | $\vdash$   | -        | -  |          | Ь            | $\vdash$ | $\vdash$   | $\vdash \vdash$ |
|             | 33   | $\vdash$   | $\vdash$   |          | ├-   | -        |              | $\vdash$ | H          | $\vdash\vdash$  |
| <u> </u>    | 34   | $\vdash$   | -  | ├        | ├-   |          | -            | ├-       | ⊢          | $\vdash\vdash$  |
| <del></del> | 34<br>35                                     | ├  | $\vdash$   | ┢╌       | $\vdash$   | $\vdash$ | <u> </u>     | -        | -          | $\vdash$        |
|             | 36   | <del>                                     </del> | H  |          | -  |          | Н-           | Н        |            | $\vdash$        |
|             | 36<br>37                                     | $\vdash$   |  |          | $\vdash$   |          |              | Г        | ┈          | H               |
|             | 38   | $\vdash$   | H  |          |  |          |              | П        | <u> </u>   | $\vdash$        |
| $\vdash$    | 39   | $\vdash$   | <del>                                     </del> | Г        | Г  |          |              |          | <u> </u>   | $\vdash$        |
|             | 40   |  |  |          |  |          |              |          |            |                 |
|             | 41   | Г  | Г  |          |  |          |              |          |            |                 |
|             | 42   |  |  |          |  |          |              |          |            |                 |
|             | 43   |  |  |          |  |          |              |          |            |                 |
|             | 44   |  |  |          |  |          |              |          |            |                 |
|             | 45   |  | 匚  |          |  | $\Box$   |              |          |            | Ш               |
|             | 46   |  | _  |          |  |          | $oxed{\Box}$ | _        | <u> </u>   | Ш               |
|             | 47   |  | 匚  | <u> </u> | L_   |          | <u>L</u>     | _        | <u> </u>   | Ш               |
| <b></b> _   | 48   | <u> </u>   | <u> </u>   | _        | <u> </u>   | <u> </u> | <u> </u>     | <u> </u> | <u> </u>   | Ш               |
| L           | 49   | <u> </u>   | <u> </u>   | <u> </u> | <u> </u>   | <u> </u> | <u> </u>     | <u> </u> | <u> </u> _ | $\sqcup$        |
|             | 50   |  |  | L.       |  | l        |              | ١        | ١          | ا ــا           |

|  | Claim          |  | Date   |          |              |              |          |              |  |          |  |
|--|----------------|--|--|----------|--------------|--------------|----------|--------------|--|----------|--|
| Final  | Original       |  |  |          |              |              |          |              |  |          |  |
|  | 51             |  |  |          |              |              |          |              |  |          |  |
|  | 51<br>52<br>53 |  |  |          |              |              |          |              |  |          |  |
|  | 53             | Г  |  |          |              |              |          |              | $\overline{}$                                    |          |  |
|  | 54             |  |  |          | -            |              | -        |              | -  |          |  |
|  | 54<br>55       | _  |  |          |              | -            |          | $\vdash$     |  | -        |  |
| <del>                                     </del> | 56             | -  | Н  | _        |              | $\vdash$     | $\vdash$ |              |  |          |  |
| -  | 57             | $\vdash$   |  |          | -            |              | -        | -            | $\vdash$   | -        |  |
| -  | 57<br>58       | -  | Н  | _        |              | $\vdash$     | $\vdash$ | $\vdash$     | Н  | $\vdash$ |  |
| -  | 59             |  |  |          |              | _            |          |              | $\vdash$   | _        |  |
| -  | 55             | H  | $\vdash$   | _        |              | -            |          | $\vdash$     | -  |          |  |
| -  | 60<br>61       | ⊢  | Н  |          |              | -            |          | _            | $\vdash$   |          |  |
| -  | 62             | ├  | H  | -        |              | $\vdash$     | _        | $\vdash$     | -  | _        |  |
|  | 62             | ┝  | H  |          |              |              | _        | _            | _  |          |  |
| <u> </u>   | 63<br>64       | ├-   |  |          |              |              | -        | <u> </u>     | Н  | <b>—</b> |  |
| <u> </u>   | 64             | <u> </u>   | _  |          |              | <u> </u>     | <u> </u> | <u> </u>     | $\vdash$   | <u> </u> |  |
| <u> </u>   | 65<br>66       | <u> </u>   | _  |          |              |              | $\vdash$ | $\vdash$     |  |          |  |
|  | 66             | <u> </u>   | _  |          |              |              |          |              |  |          |  |
|  | 67             | <u> </u>   | $oxed{oxed}$                                     |          |              | _            |          | $\perp$      | $\perp$  |          |  |
|  | 68             | _  |  |          |              | _            |          |              |  |          |  |
|  | 69             | _  | _  | _        |              | _            | _        |              | $\vdash$   |          |  |
| <u> </u>   | 70             | _  | _  | _        | _            | <u> </u>     |          |              |  | _        |  |
| <u> </u>   | 71             | _  |  |          |              |              |          |              |  | _        |  |
| <u> </u>   | 71<br>72<br>73 | <u> </u>   | <u> </u>   |          | _            | <u> </u>     |          | _            | _  |          |  |
| <u> </u>   | 73             | _  |  | _        |              |              | _        | _            | <u> </u>   |          |  |
| <u> </u>   | 74<br>75       | <u> </u>   |  | _        | _            | <u> </u>     | _        | _            | _  | _        |  |
|  | 75             | ┝  | H  | -        | _            |              | _        | <u> </u>     | $\vdash$   | _        |  |
| -  | 76<br>77       |  | _  | _        | _            | -            | _        |              | -  |          |  |
|  | 78             | -  |  |          |              | _            |          | -            | -  |          |  |
|  | 70             | <u> </u>   | _  | _        |              | <u> </u>     | _        |              | _  | _        |  |
|  | 79             | ├  | _  | _        |              | _            |          | -            | -  | _        |  |
|  | 80             | _  | -  | _        | -            | _            |          | _            | H  | _        |  |
| _  | 81             | $\vdash$   | $\vdash$   | _        |              | $\vdash$     | Н        | $\vdash$     | Н  |          |  |
|  | 82<br>83       | ┝  | _  | <u> </u> | _            | $\vdash$     | _        | ┝            | $\vdash$   | _        |  |
|  | 03             | ⊢  |  | _        |              | $\vdash$     | H        | ├            |  | _        |  |
| -  | 84             | -  |  | -        |              | -            |          | <u> </u>     | <del>                                     </del> | <u> </u> |  |
|  | 85<br>86       | ├—   | -  | -        | -            |              | -        | <del> </del> | -  |          |  |
| -  | 00             | ⊢  | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | H  | -        |  |
| -  | 87<br>88       | $\vdash$   | $\vdash$   | ├-       | <u> </u>     |              | $\vdash$ | $\vdash$     | $\vdash$   | _        |  |
| -  | 89             | ⊢  | ├  | ├        | <del> </del> | -            | $\vdash$ | $\vdash$     | ├-   |          |  |
| -  | 90             | -  |  | H        |              | <del> </del> | ⊢        | ⊢            | $\vdash$   | _        |  |
| -  | 91             | -  |  | $\vdash$ |              | ├            | $\vdash$ | ⊢            | $\vdash$   | ⊢        |  |
| -  | 92             | ├-   | -  | -        | _            |              |          |              |  | _        |  |
| -  | 93             | $\vdash$   | <del>  -</del>                                   |          | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | -  | -        |  |
|  | 94             | <del>  -</del>                                   | $\vdash$   | $\vdash$ |              | $\vdash$     | $\vdash$ | $\vdash$     | -  | $\vdash$ |  |
|  | 95             | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$   | 一        |  |
|  | 96             | $\vdash$   | <del>                                     </del> | Ι        | <del> </del> |              | $\vdash$ |              | <del>                                     </del> | _        |  |
|  | 97             | <del>                                     </del> | ┢  | $\vdash$ | $\vdash$     | $t^-$        |          | _            | $\vdash$   | $\vdash$ |  |
|  | 98             | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | <u> </u>   | Н        |  |
|  | 99             | Т  | Т  | Т        |              |              |          | Г            | Г  | _        |  |
|  | 100            | Г  |  | Ι        | Π            | Г            | ī        | Г            |  | Π        |  |
| _  |                |  |  |          |              | _            |          |              |  |          |  |

| Cli      | aim                      | Date         |          |              |                                     |              |  |  |              |                 |
|----------|--------------------------|--------------|----------|--------------|-------------------------------------|--------------|--|--|--------------|-----------------|
|          |                          |              |          |              |                                     |              |  | П  |              |                 |
| Final    | Original                 |              |          |              |                                     |              |  |  |              |                 |
|          | 101                      |              |          |              |                                     |              |  |  |              |                 |
|          | 102<br>103               |              |          |              |                                     |              |  |  |              |                 |
|          | 103                      |              |          |              |                                     |              |  |  |              |                 |
|          | 104                      |              |          |              |                                     |              |  |  |              |                 |
|          | 105                      |              |          |              |                                     |              |  |  |              |                 |
|          | 105<br>106               |              |          |              |                                     |              |  |  |              |                 |
|          | 107                      |              |          |              |                                     |              |  |  |              |                 |
|          | 108                      |              |          |              |                                     |              |  |  |              |                 |
|          | 109                      |              |          |              |                                     |              | _  |  |              |                 |
|          | 110                      |              |          |              |                                     |              |  |  |              |                 |
|          | 111                      |              |          |              |                                     |              |  |  |              |                 |
|          | 112                      |              |          | Ш            |                                     |              |  |  |              |                 |
|          | 113                      |              |          | Ш            |                                     | L            | L  |  |              | Ш               |
|          | 113<br>114<br>115        |              |          |              | Ш                                   |              | <u> </u>   | Ш  | L            | Ш               |
|          | 115                      |              | _        | $oxed{oxed}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |              |  |  | $oxed{oxed}$ | Ц               |
| ļ        | 116<br>117<br>118<br>119 | ļ            | _        | _            | _                                   | _            | _  |  |              | Ш               |
|          | 117                      | _            | _        |              |                                     | _            | _  | _  |              | Ш               |
| <u> </u> | 118                      | _            |          |              |                                     |              | <u> </u>   |  | _            | Ш               |
|          | 119                      |              |          |              |                                     | _            | <u> </u>   |  |              | Щ               |
|          | 120                      | _            | _        | $\vdash$     | _                                   | _            | <u> </u>   |  |              | Щ               |
|          | 121                      |              |          | _            |                                     | _            | <u> </u>   | _  | _            | Н               |
|          | 121<br>122<br>123        |              |          | <u> </u>     | _                                   |              | _  |  | _            | Н               |
|          | 123                      | $\vdash$     |          |              |                                     | _            | <u> </u>   |  |              | Н               |
| _        | 124                      | _            |          |              |                                     |              | ├_   |  | _            | Н               |
| <u> </u> | 124<br>125<br>126        | -            | _        | $\vdash$     | <u> </u>                            |              | <u> </u>   | <u> </u>   | _            | Н               |
|          | 120                      | -            | _        | $\vdash$     | ├-                                  | _            | -  |  |              | $\vdash$        |
|          | 127<br>128<br>129<br>130 |              |          | H            | <u> </u>                            | _            | _  |  |              | Н               |
|          | 120                      | -            | -        | -            | _                                   | -            | -  |  | _            | $\vdash$        |
|          | 130                      | -            | -        | -            | -                                   | <del> </del> | -  | _  | $\vdash$     | $\vdash$        |
| <b></b>  | 131                      |              |          | -            |                                     | -            |  |  | <u> </u>     | Н               |
| <u> </u> | 132                      | ┢            | _        | -            | -                                   |              | ┢  |  | $\vdash$     | Н               |
|          | 132<br>133               | -            | $\vdash$ | $\vdash$     | -                                   | $\vdash$     |  |  |              | Н               |
| $\vdash$ | 134                      | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$                            | $\vdash$     | $\vdash$   | <del>                                     </del> | $\vdash$     | $\vdash \vdash$ |
| <b></b>  | 135                      | <del> </del> | Н        |              | $\vdash$                            | 一            | <del>                                     </del> | $\vdash$   |              | $\vdash$        |
|          | 136                      |              | $\vdash$ |              | <u> </u>                            | $\vdash$     |  | _  |              |                 |
|          | 137                      |              | $\vdash$ | _            | $\vdash$                            | Г            | <u> </u>   |  |              | П               |
| Γ-       | 138                      |              | $\vdash$ | $\vdash$     |                                     | Г            | T  |  |              | $\square$       |
|          | 139                      |              | $\vdash$ | Г            | Г                                   | Г            | Γ  |  |              | М               |
|          | 140                      | Г            |          |              |                                     |              | Г  |  |              | М               |
|          | 141                      |              | Г        |              | Π                                   | Г            |  |  | Γ            | П               |
|          | 142                      |              |          |              | Г                                   |              |  |  |              |                 |
|          | 143                      |              |          |              |                                     |              |  |  |              |                 |
|          | 144                      |              |          |              |                                     |              |  |  |              |                 |
|          | 145                      |              |          |              |                                     |              |  |  |              |                 |
|          | 146                      |              |          |              |                                     |              |  |  |              |                 |
|          | 147                      |              |          |              |                                     | L            |  |  |              |                 |
|          | 148                      |              |          |              |                                     |              |  |  |              |                 |
|          | 149                      |              | 匚        |              |                                     | 匚            |  |  |              |                 |
| L        | 150                      | <u>L_</u>    |          |              | 匚                                   |              |  |  |              |                 |